



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Examining Operations

MAIL STOP APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Application Transmittal Letter

Dear Sir:

Transmitted herewith for filing is the patent application of:

Mark F. Pittenger, et al.

entitled: Cardiac Muscle Regeneration Using Mesenchymal Stem Cells

Enclosed with the application are:

1. Specification (20 sheets);
2. Claims (3 sheets);
3. Abstract (1 sheet);
4. Drawings (formal; 9 sheets);
5. Declaration of Mark F. Pittenger, Stephen L. Gordon, Alastair Morgan Mckay and Bradley J. Martin, (unexecuted);
6. Postage paid, return receipt postcard; and
7. Our check in the amount of \$437.00.

The fee has been calculated as follows:

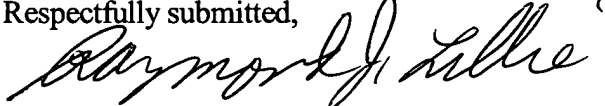
	<u>Number of Claims Filed</u>			<u>Extra Claims</u>	<u>Rate</u>	<u>Fee</u>
Basic Fee					\$385	\$385
Total Claims	21	-	20 =	1	\$ 9	\$ 9
Indep. Claims	4	-	3 =	1	\$ 43	\$ 43
TOTAL:						\$437

The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. 03-0678. A duplicate copy of this paper is enclosed.

<p align="center"><b><u>EXPRESS MAIL CERTIFICATE</u></b></p> <p>Express Mail Label No. EL998938200US</p> <p>Deposit Date: October 21, 2003</p> <p>I hereby certify that this paper and the attachments hereto are being deposited today with the U.S. Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above addressed to:</p> <p>Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p> Raymond J. Lillie, Esq.</p> <p> 10/21/03 Date</p>
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Respectfully submitted,

  
Raymond J. Lillie, Esq.

Reg. No. 31,778  
CARELLA, BYRNE, BAIN, GILFILLAN,  
CECCHI, STEWART & OLSTEIN  
5 Becker Farm Road  
Roseland, NJ 07068  
Tel. No.: (973) 994-1700  
Fax No.: (973) 994-1744